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OF THE INTERNATIONAL PRELIMINARY REPORT
ON PATENTABILITY
(CHAPTER I OR CHAPTER II
OF THE PATENT COOPERATION TREATY)

(PCT Rule 72.2)

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	Eing.: 22 Juni 2005	To the state of th
	Fristablauf	not.

Date of mailing (day/month/year) 16 June 2005 (16.06.2005)

Applicant's or agent's file reference 15626/-/T

IMPORTANT NOTIFICATION

International application No. PCT/DE2003/003293

International filing date (day/month/year) 04 October 2003 (04.10.2003)

Applicant

SG TECHNOLOGIES GMBH et al

1. Transmittal of the translation to the applicant.

The International Bureau transmits herewith a copy of the English translation made by the International Bureau of the international preliminary examination report established by the International Preliminary Examining Authority.

2. Transmittal of the copy of the translation to the elected Offices.

The International Bureau notifies the applicant that copies of that translation have been transmitted to the following elected Offices requiring such translation:

None

The following elected Offices, having waived the requirement for such a transmittal at this time, will receive copies of that translation from the International Bureau only upon their request:

BR, EP, US

3. Reminder regarding translation into (one of) the official language(s) of the elected Office(s).

The applicant is reminded that, where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report.

It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned (Rule 74.1). See Volume II of the PCT Applicant's Guide for further details.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Authorized officer

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International application No.

INTERNATIONAL PREY NARY REPORT ON PATENTABILITY

DE2003/003293

Box No. 1	I	Basis of the report							
 With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item. 									
	This whic	his report is based on translations from the original language into the following language, which is language of a translation furnished for the purpose of:							
		international search (under Rules 12.3 and 23.1(b))							
		publication of the international applic	cation (under Rule 12.4)						
		international preliminary examination	n (under Rules 55.2 and/or 55.3)						
furnis	2. With regard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report): The international application as originally filed/furnished								
		escription:							
التيوسية	pages	-	2, 3, 5-8	, as originally filed/furnished					
	pages		received by this Authority on	07 October 2004 (07.10.2004)					
	pages		received by this Authority on						
	the cl	aims:							
	pages			, as originally filed/furnished					
	pages		, as amended (toge	ther with any statement) under Article 19					
	pages		received by this Authority on	07 October 2004 (07.10.2004)					
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	a seq	tience listing and/or any related table(s) - see Supplemental Box Relating to Seq	fuctice Listing.					
3	The	amendments have resulted in the cance	ellation of:						
		the description, pages							
ļ	同	the claims, Nos.							
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4.	made	e, since they have been considered to 70.2(c)). the description, pages	me of) the amendments annexed to this re o go beyond the disclosure as filed, as	eport and listed below had not been indicated in the Supplemental Box					
		the claims, Nos.							
		the drawings, sheets/figs							
		the sequence listing (specify):							
		any table(s) related to sequence listing	ng (specify):						
* If item 4 applies, some or all of those sheets may be marked "superseded."									

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/DE 02403293

v.	Reasoned statement under Articlescitations and explanations supporting	5(2) with regard to novelty fg such statement	, inventive step or industrial appl	licability;
1.	Statement			
	Novelty (N)	Claims	1-7	YES
		Claims		NO
	Inventive step (IS)	Claims	1-7	YES
	•	Claims		NO
	Industrial applicability (IA)	Claims	1-7	YES .
		Claims		NO

2. Citations and explanations

Assuming that the problems of clarity outlined below (see point 4) are to be remedied, the subject matter of independent claim 1 and of dependent claims 2 to 7 can be regarded as novel, inventive and industrially applicable (PCT Article 33(2), (3) and (4)).

1. Prior art

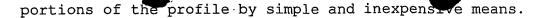
Reference is made to US 4448430 A (document D1), which is considered to be the closest prior art. EP 0586073 (document D5), as listed in the search report, is also cited.

The essential difference between the claimed invention and the closest prior art is that in the present invention the longitudinal reinforcement for the hollow sealing profile is moulded as the profile is being extruded by modifying the extrusion orifice. D1 makes no mention of orifice modification during extrusion.

2. Technical problem addressed

The object of the invention is to improve the process for producing hollow extruded seals in such a way as to be able to achieve uniform dimensional stability even in curved

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Solution to the problem 3.

The invention solves the aforementioned problem by modifying the cross-section of the extrusion orifice during production of the extruded seal so that the reinforcement is not moulded continuously along the hollow extrudate. In this way it is a simple matter to add the reinforcement selectively in those portions of the hollow profile which will undergo sharp bending when the seal is fitted.

Document D1 discloses an extruded seal of the same type which also has reinforcements at the curvature points. This seal can also be extruded as a single piece, in which case the reinforcement can be made continuous. D1 does not specify how the reinforcements would look if they were not extruded continuously, and it is not obvious to a person skilled in the art.

The stated problem is solved by the combination of features specified in independent claim 1 of the present application, which combination is not known from the prior art.

4. Clarity

The application fails to meet the requirements of PCT Article 6 because claim 1 is not clear.

Independent claim 1 is directed to a product, namely an "extruded seal", and the preamble of the claim specifies various features of that product. The characterising part of the claim specifies features that relate only to the process for producing the extruded seal and are not clearly apparent in the finished product.

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International application No. PCT/DE **2**√03293



Document D5 (for example) defines a process which is different from the present invention and yet also produces an extruded seal with the features specified in the preamble of claim 1 of the present application.

In order to provide a clear definition of the invention, independent claim 1 should be directed to a production process rather than to the resulting product, and the dependent claims and also the statement of the problem in the description should be amended accordingly.

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